

APPENDIX E

METEOROLOGICAL DATA FOR PSD PROJECTS IN GEORGIA

What Meteorological Data Should I Use for My PSD Project in Georgia?

Georgia EPD will provide AERMET and/or AERMINUTE-processed meteorological data sets to the potential PSD permit applicants. This data will be compiled primarily based on the most recent five year NWS ASOS surface and upper air stations data, although other data sets may be used.

To provide pre-processed meteorological data files to applicants (or their consultants) for PSD modeling, the applicant should provide answers to the following questions:

- 1. UTM coordinates (NAD83 datum, including UTM Zone) of the project site:**

_____mE, _____mN, Z_____

- 2. Plant grade elevation _____ (feet above Mean Sea Level, AMSL)**

- 3. Greenfield site or existing site modification? _____**

- 4. Is the project located in complex terrain*? _____**

If “Yes”, the complex terrain may influence the observed meteorological parameters. Please contact GA EPD for further discussion. One-year (or more) of on-site (or near-site) meteorological data may be required. The applicants (or their representing consultants) are welcome to submit their own meteorological data sets (if available) for us to review.

*See Section 7.2.8 (Complex Winds) and Section 8.3 (Meteorological Input Data) of 40 CFR Part 51, Appendix W and Section 3.3 (Complex Terrain Locations) of “Meteorological Monitoring Guidance for Regulatory Modeling Applications” (EPA-454/R-99-005), 2000.